

ABSTRACT OF THE INVENTION

A system and method are provided for determining ink jet printing system parameters by selecting an appropriate linearizing transformation for application to images to be printed on a printing system for a specific substrate. These transformations can be any transformation capable of being applied in graduated increments and having a corresponding incremental visual influence on the printed output. The present invention allows the user to determine multiple parameters for the printer, including for example, tone scale correction, determination of upper ink limits, amount of under color removal, and allows the user to identify the proper ink level for optimum quality of graphics and/or text printing.